

ABSTRACT

In a golf ball having a multiplicity of generally
5 circular dimples on its outer surface, the number of those
dimples having a neighbor relationship that satisfies $|\alpha - \beta| \geq$
15° wherein β is an angle included between two line segments
extending from the center of a reference dimple tangent to
the rim of an adjacent dimple and α is an angle included
10 between two line segments extending from the center of the
adjacent dimple tangent to the rim of the reference dimple is
at least 60% of the total number of dimples. This enhances
the dimple effects, so the ball exhibits improved aerodynamic
performance and offers a consistent carry and direction
15 independent of the point of impact.